

Customer No.: 31561
Application No.: 10/826,176
Docket No.: 21399-US-PA

To the Claims

1-20. (cancelled)

21. (New) An array optical subassembly for an array optical active component, comprising:

a substrate, having a first surface and a second surface;

a lens array, being formed on the first surface;

an optical active component, having a source array and a first set of alignment keys;

a second set of alignment keys, being formed on the second surface of the substrate, wherein the optical active component is mounted on the second surface of the substrate by coupling the first set and the second set of alignment keys, so as to align the source array with respect to the lens array; and

a pair of guide rods, protruding from the substrate for aligning the substrate to an external connection object.

22. (New) The array optical subassembly as claimed in claim 21, wherein a source of the source array is a laser.

23. (New) The array optical subassembly as claimed in claim 21, wherein a source of the source array is a light detector.

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24. (New) The array optical subassembly as claimed in claim 21, further comprising a connecting set having a recess and a pair of holes, wherein the pair of holes correspond to the guide rods, for allowing the guide rods to pass through.

25. (New) The array optical subassembly as claimed in claim 24, further comprising a fiber connector being retained in the recess.